IN THE SPECIFICATION:

Please amend Page 12, Paragraph 4 as follows:

Fig. 3 ~~is a~~ 3A and 3B are block ~~diagram~~ diagrams showing the construction of the program information transmission apparatus of the first embodiment;

Please amend Page 13, Paragraph 12 as follows:

Fig. 18A and 18B are ~~is a~~ block ~~diagram~~ diagrams showing the construction of a program information transmission apparatus of the third embodiment;

Please amend Page 16, Paragraph 1 as follows:

Fig. 3A is a block diagram showing the construction of the program information transmission apparatus 100 of the present embodiment. As shown in this drawing, the program information transmission apparatus 100 includes a program information storing unit 101, a transmission unit time storing unit 121, a cycle information storing unit 120, a timer management unit 130, a TS packet processing unit 102 or packet generating unit, a TS packet buffer 103 or holding unit, a data registration unit 104, a cycle transmission queue buffer 105, a transmission queue information storing unit 106, a transmission amount calculation unit 107, a priority storing unit 108, a data reading control unit 109 or packet fetching unit/selecting unit, and a transmission unit 110.

FIG. 3B is a modified block diagram of FIG. 3A to disclose a relationship between some of the cooperative elements in a fetching unit such as a packet generating unit, a holding unit to store the TS packets and packet fetching unit/selecting unit that can select each packet to be

transmitted according to priorities assigned to a program information set or based on such priorities select another program information set whose packets are to be fetched.

Please amend Page 45, Paragraphs 1, 2 and 3 as follows:

Fig. 18A is a block diagram showing the construction of a program information transmission apparatus 3000 of the third embodiment.

The program information transmission apparatus 3000 differs from the program information transmission apparatus 100 of the first embodiment in that the program information transmission apparatus 3000 further includes an immediate transmission storing unit 3011, a TS packet processing unit 3004 or packet generating unit/second packet generating unit, a TS packet buffer 3003 or holding unit, a data registration unit 3002, a transmission queue buffer 3001, a transmission queue information storing unit 3005, and a data reading control unit 3006 prohibiting unit/transmission (control) unit/prohibition lending unit instead of the corresponding units of the program information transmission apparatus 100. Other construction elements of the program information transmission apparatus 3000 are the same as those of the program information transmission apparatus 100.

FIG. 18B is a modified block diagram of FIG. 18A to disclose a relationship between some of the cooperative elements in a fetching unit such as a packet generating unit which can function also as a second packet generating unit to generate a plurality of packets of a fixed length from inputted immediate program information, a holding unit that can hold a plurality of packets so that packets belonging to different program information sets are held in different queues, and a control unit that can respectively function as a prohibiting unit to prohibit, if immediate program information is inputted, the packets fetching unit from fetching packets from

a queue, a transmission control unit to control the segmented transmission of packets generated by the second packet generating unit, and a prohibition ending unit to instruct, after all of the packets generated by the second packet generating unit are transmitted, the prohibiting unit to end a prohibition operation.